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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/712,495	
	Filing Date	November 13, 2003	
	First Named Inventor	Frank JANSEN	
	Art Unit	1762	
	Examiner Name	Howard E. Abramowitz	
Total Number of Pages in This Submission	21	Attorney Docket Number	M02A430

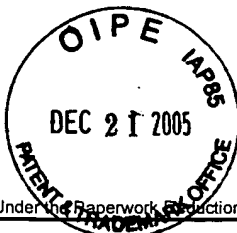
ENCLOSURES (Check all that apply)		
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	The BOC Group, Inc.		
Signature			
Printed name	David A. Hey		
Date	December 19, 2005	Reg. No.	32,351

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Kimberly S. Brown	Date	December 19, 2005

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Attorney Docket: M02A430

Serial No.: 10/712,495

Filed: November 13, 2003

Confirmation No.: 8327

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Kimberly S. Brown

Typed or printed name of person signing Certificate

908-771-1729

Registration Number, if applicable

Telephone Number

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Transmittal Form (PTO/SB/21), Information Disclosure Statement (2 pages, in duplicate),
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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frank JANSEN

Serial No.: 10/712,495

Examiner: Howard E. Abramowitz

Attorney Docket: M02A430

Title: Atomic Layer Deposition Process and Apparatus

Filed: November 13, 2003

Group Art Unit: 1762

Confirmation No.: 8327

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

The Applicant respectfully requests that the following references be considered in the examination of the above-identified application. A copy of each non-US patent reference is enclosed. If any of these references were uncovered by an international or foreign search as part of a counterpart application filed by the Applicant, then a copy of the search report is also enclosed.

Under rule 37 C.F.R. 1.98(a) (effective March 16, 1992), for those above-cited references that are in the English language, the Applicant submits that no specific comments are necessary for any of these.

Lastly, in accordance with Rule 37 C.F.R. §§ 1.97(e)(1), the undersigned attorney certifies that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing this statement. In this regard, the communication from the European Patent Office is dated November 24, 2005 and forwarded the European Search Report; a copy of this communication and, as noted above, the search report is enclosed herewith.

For the Examiner's convenience, the Applicant has attached a completed Form PTO/SB/08A&B.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'David A. Hey', with a large, sweeping flourish at the end.

David A. Hey
Registration No. 32,351
Attorney for Applicants
Date: December 19, 2005

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/712,495
Filing Date	November 13, 2003
First Named Inventor	Frank JANSEN
Art Unit	1762
Examiner Name	Howard E. Abramowitz
Attorney Docket Number	M02A430

[illegible][illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/712,495
				Filing Date	November 13, 2003
				First Named Inventor	Frank JANSEN
				Art Unit	1762
				Examiner Name	Howard E. Abramowitz
Sheet	2	of	2	Attorney Docket Number	M02A430

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AF	D.M. HAUSMANN ET AL, "Atomic Layer Deposition of Hafnium and Zirconium Oxides Using Metal Amide Precursors", CHEM. MATER., vol. 14, no. 10, American Chemical Society, 2002, pages 4350-4358.	
	AG	European Search Report (4 pages) dated November 24, 2005.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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